Tripp Lite
1111 West 35th Street
Chicago, IL 60609 USA
Telephone: +(773) 869 1234
E-mail: saleshelp@tripplite.com

Model #: SMX750SLT

SmartPro .75kVA Line Interactive Sine Wave UPS, SNMPWEBCARD option, Tower, USB, Serial, 220/230/240V

Highlights

- 750VA line interactive tower UPS; Sine wave output
- 220/230/240V nominal output during brownouts and overvoltages
- USB, RS232 and optional SNMP/Web card are available for simultaneous use
- Front panel status LEDs with load level and battery capacity display
- C14 input; 6 C13 outlets; Includes 2 C13 to C14 cables

Description

Tripp Lite's SMX750SLT intelligent, line-interactive sine wave UPS system protects servers, networking accessories and telecommunications equipment from blackouts, voltage fluctuations and transient surges. Large internal batteries offer 15 minutes half load runtime and 5 minutes full load runtime. 750VA/500 watt power handling capability and full-time sine wave output offers guaranteed compatibility with networking, telecom and other sensitive electronic applications. Includes 6 protected C13 output receptacles total. Network management interfaces support communications via USB, RS-232 and optional SNMPWEBCARD network interface. HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. Network communications ports enable detailed monitoring of equipment load levels, self-test data and utility power conditions. Includes PowerAlert monitoring software and complete cabling. Single line Tel/DSL and network Ethernet line surge suppression. Built-in audible alarm and 9 LEDs offer status notification for line power, battery power, battery charge level, load level, plus AVR boost and trim operational status information. Network grade AC surge suppression protects equipment from damage and performance problems resulting from transient surges. Attractive, all-black tower housing.

Package Includes

- SMX750SLT UPS System
- PowerAlert Software CD-ROM
- USB and serial cabling
- User manual with warranty information

Features

- SMX750SLT line-interactive UPS offers battery derived sine wave AC output during power outages, voltage regulation during brownouts and overvoltages, plus network-grade AC surge suppression
- 750VA/500 watt power handling capability with full-time sine wave output offers guaranteed compatibility with networking, telecom and other sensitive electronic devices
- Large internal batteries offer runtimes of 15 minutes at half load (325VA/250 watts) and 5 minutes at full load (750VA/500 watts)
- Automatic Voltage Regulation (AVR) circuits maintain user-selectable 220, 230 or 240V nominal output over an input voltage range of 158 to 277
- Includes 6 C13 output receptacles
- IEC320-C14 input connection accepts a variety of detachable cordsets
- Built-in USB, RS-232 and optional SNMPWEBCARD accessory monitoring options
- HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X
- Included PowerAlert UPS monitoring software; Built-in Emergency Power Off (EPO) interface with cable
- Supports Tripp Lite's WatchDog software application (requires optional WATCHDOGSW)
- 9 LEDs offer continuous status information of UPS operating parameters and site power quality
- Hot-swappable batteries allow on-site battery replacement without powering off connected equipment
- Single line Tel/DSL and network Ethernet line surge suppression

- UL (USA), cUL (Canada), CE/IEC 62040, GOST, SASO

Specifications

OUTPUT	
Output Volt Amp Capacity (VA)	750
Output Watt Capacity (watts)	500
Output power factor	0.7
Nominal Output Voltage(s) Supported	220V; 230V; 240V
Nominal Voltage details	230V default (voltage selection via back panel switches)
Frequency compatibility	50 / 60 Hz
Output voltage regulation (line mode)	-9%, +5%
Output voltage regulation (Battery mode)	+/- 5%
Built-in UPS output receptacles	6 C13 outlet(s)
Included output power cables	Includes 2 C13 to C14 output power cables
Output AC waveform (AC mode)	Sine wave
Output AC waveform (battery mode)	Pure Sine wave
INPUT	
Rated input current (at maximum load)	3.6A (220V), 3.5A (230V), 3.4A (240V)
Nominal Input Voltage(s) Supported	220V AC; 230V AC; 240V AC
UPS input connection type	C14 inlet
UPS input connection description	IEC320-C14 input connection accepts a variety of detachable cordsets to match country or site-specific wall receptacles
BATTERY	
Full load runtime (minutes)	5 min. (500w)
Half load runtime (minutes)	15 min. (250w)
DC system voltage (VDC)	24
Battery recharge rate (included batteries)	Less than 4 hours to 90%
Replacement battery cartridge (internal UPS battery replacement)	RBC24-SLT
Battery Access	Battery access door

Battery replacement description	Hot-swappable, user replaceable batteries
VOLTAGE REGULATION	
Voltage regulation description	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 151 to 289V
Overvoltage correction	Voltage reduction of 13% applies when input is 232-265 (220V), 243-277 (230V), 254-289 (240V)
Undervoltage correction	Voltage boost of 15% applies when input is 178-198 (220V), 186-207 (230V), 194-216 (240V)
Severe undervoltage correction	Voltage boost of 32% applies when input is 151-173 (220V), 158-181 (230V), 165-189 (240V)
LEDS ALARMS & SWITCHES	
LED Indicators	9 LEDs indicate line power, battery power, AVR, overload and replace battery status - with a 3-LED level meter for load and battery charge level
Alarms	Audible alarm indicates power failure and overload conditions
Alarm cancel operation	Power-fail alarm can be silenced using alarm-cancel switch
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation; rear panel protected switches support nominal voltage selection
SURGE / NOISE SUPPRESSION	
UPS AC suppression joule rating	480
UPS AC suppression response time	Instantaneous
UPS Dataline suppression	1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet
EMI / RFI AC noise suppression	Yes
PHYSICAL	
Installation form factors supported with included accessories	Tower
Primary form factor	Tower
UPS / Power Module dimensions in primary form factor (height x width x depth / inches)	10.25 x 6.75 x 13.25
UPS / Power Module dimensions in primary form factor (height x width x depth / cm)	26 x 17.1 x 33.7
UPS / Power Module weight (lbs)	34.1
UPS / Power Module weight (kg)	15.5
UPS Shipping dimensions (height x width x depth / inches)	14 x 9.75 x 18.5
UPS Shipping dimensions (height x width x depth / cm)	35.6 x 24.8 x 47
Shipping weight (lbs)	38.6

Shipping weight (kg)	17.5
UPS housing material	Steel
Cooling method	Fan
ENVIRONMENTAL	
Operating Temperature Range	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
Storage Temperature Range	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
Relative Humidity	0 to 95%, non-condensing
AC mode BTU / hr. (full load)	70.8
Battery mode BTU / hr. (full load)	728.6
Audible Noise	Audible Noise < 50 dBA at Front Side 1 Meter
COMMUNICATIONS	
Communications interface	USB (HID enabled); DB9 Serial; Slot for SNMP/Web interface
Network monitoring port description	Supports detailed monitoring of UPS and site power conditions
PowerAlert software	Included
Communications cable	USB and DB9 cabling included
WatchDog compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
LINE / BATTERY TRANSFER	
Transfer time	4-8 milliseconds
Low voltage transfer to battery power (setpoint)	151 (220V), 158 (230V), 165 (240V)
High voltage transfer to battery power (setpoint)	266V (220V), 278V (230V) or 290V (240V)
SPECIAL FEATURES	
Cold Start (startup in battery mode during a power failure)	Cold-start operation supported
High availability UPS features	Hot swappable batteries
Green & high efficiency features	Greater than 95% efficiency - GREEN UPS
CERTIFICATIONS	
UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); CE; Tested to GOST (Russia); Tested to SASO (Saudi Arabia)
UPS Certification details	CE / IEC 62040
WARRANTY	
Product Warranty Period (International)	2-year limited warranty
Product Warranty Period (Mexico)	2-year limited warranty

Product Warranty Period (Puerto Rico)	2-year limited warranty

Related Items

Optional Products

Related Model	Description	Qty.
DCATV	Network Surge Suppressor - Essential protection for TV/VCR coaxial lines	1
DNET1	Network Surge Suppressor - Essential protection for data and communication lines	1
DTEL2	Network Surge Suppressor - Essential protection for data and communication lines	1
ENVIROSENSE	Monitors temperature, humidity and contact-closure inputs. (Requires SNMPWEBCARD or switched PDU.)	1
SNMPWEBCARD	For remote monitoring and control via SNMP, Web, or Telnet.	1
U022-010	10-ft. USB2.0 A/B Gold Device Cable (A Male to B Male)	1
WATCHDOGSW	WatchDog Service Monitoring / Reboot Software	1
MODBUSCARD	For remote monitoring and control via MODBUS protocol	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?variables.txtModelID=3021.

Copyright © 2013 Tripp Lite. All rights reserved. All trademarks are the sole property of their respective owners. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Photos may differ slightly from final products.